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Abstract**Conventional Balloon Venoplasty: Technical Challenges to Meet**Rohsila M¹, Redzuan IM², Zahiah M², Sobri MA², Rozman Z²¹Department of Radiology, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia.²Department of Radiology, Medical Faculty, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia.

Arteriovenous fistula for hemodialysis is a 'life-line' for an end stage renal failure patient. Stenosis usually occurs along the venous limb of the fistula or involving the brachiocephalic vein centrally¹. Percutaneous venoplasty is becoming an important method of assisting maturing fistula as well as treating problematic matured fistula. It is proven that, the interventional radiologist is able to salvage non-maturing hemodialysis access fistulae with initial clinical success of 88% and secondary patency rates of 79% ². Challenges of performing the procedures and some technical considerations are presented for education purposes.